

C3 15. An in ovo vaccine for protecting chickens from exposure to virulent infectious bronchitis virus, wherein said vaccine comprises a solution containing, on a chicken egg basis, a live avirulent strain of infectious bronchitis virus in an immunogenically-effective amount within the range of about  $10^{-1.0}$  EID<sub>50</sub> per egg to about  $10^{2.0}$  EID<sub>50</sub> per egg.

C4 18. The vaccine of claim 16, wherein the vaccine contains substantially no virus neutralizing factor.

19. A poultry vaccine against infectious bronchitis virus (IBV) comprising a live avirulent strain of infectious bronchitis virus in an immunogenically effective amount for in ovo administration of about  $10^{-1.0}$  EID<sub>50</sub> per dose to about  $10^{2.0}$  EID<sub>50</sub> per dose.

C5 21. The vaccine of claim 19, wherein said vaccine comprises about  $10^{0.0}$  EID<sub>50</sub> per dose to about  $10^{2.0}$  EID<sub>50</sub> per dose.

22. The vaccine of claim 19, wherein said vaccine comprises about  $10^{0.0}$  EID<sub>50</sub> per dose to about  $10^{1.0}$  EID<sub>50</sub> per dose.

Please add the following new claims:

~~23. The process of claim 1, wherein said vaccine is commercially available.~~

C6  
E3 Sub 24. A method of vaccinating a poultry animal against infectious bronchitis (IB), which comprises obtaining a commercial vaccine against IB and thereafter directly administering said vaccine in ovo to a member selected from the group consisting of chickens, turkeys, ducks, geese, bantams, quail and pigeons, wherein said vaccine contains a live, nonvirulent strain of IB in a quantity sufficient to confer immunity in an amount within the range of about  $10^{-1.0}$  EID<sub>50</sub> per dose to about  $10^{2.0}$  EID<sub>50</sub> per dose.

#### REMARKS

Reconsideration and allowance of the application are respectfully requested in light of the foregoing amendments and the following remarks.

Claims 1 – 22 were pending in the application. Claims 17 and 20 are now cancelled. Independent claims 1, 13, 15 and 19 are amended herein to more succinctly claim the subject invention. In particular, claim 1 has been amended to again explicitly recognize what has been implicitly set forth in the specification – that